

SEQUENCE LISTING

<110> Economides et al.
 <120> DCR-5 BONE AFFECTING LIGAND
 <130> REG 660-A-PCT
 <140> PCT/US99/17979
 <141> 1999-08-12
 <150> 60/097,296
 <151> 1998-08-20
 <160> 21
 <170> FastSEQ for Windows Version 3.0
 <210> 1
 <211> 27
 <212> DNA
 <213> Artificial Sequence
 <220>
 <221> misc_feature
 <222> 3, 12, 18
 <223> n = A, T, C or G
 <400> 1
 mgn aar tay ytn aar wsn gay tgg tgy 27
 <210> 2
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <221> misc_feature
 <222> 6, 9, 12, 21
 <223> n = A,T,C or G
 <400> 2
 caracngtnw sngargargg ntgy 24
 <210> 3
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <221> misc_feature
 <222> 1, 4, 10, 13, 16
 <223> n = A, T, C or G
 <400> 3
 nggnggrtcn arncnggrc a 21

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<210> 4
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> 1, 7, 10, 10
<223> n = A, T, C or G

<400> 4
narrttnacn swcatrcanc krca                                     24

<210> 5
<211> 192
<212> DNA
<213> Homo sapiens

<220>
<221> CDS
<222> (1)...(192)

<400> 5
cag aca gtg acg gag gag ggc tgc cgg agc cgc acc atc ctc aac cgc      48
Gln Thr Val Thr Glu Glu Gly Cys Arg Ser Arg Thr Ile Leu Asn Arg
 1              5              10              15

ttc tgc tac ggc cag tgc aac tcc ttc tac atc ccg cgg cac gtg aag      96
Phe Cys Tyr Gly Gln Cys Asn Ser Phe Tyr Ile Pro Arg His Val Lys
              20              25              30

aag gag gag gag tcc ttc cag tcc tgc gcc ttc tgc aag ccc cag cgc      144
Lys Glu Glu Glu Ser Phe Gln Ser Cys Ala Phe Cys Lys Pro Gln Arg
              35              40              45

gtc acc tcc gtc ctc gtg gag ctc gag tgc ccg gga cta gac ccc cca      192
Val Thr Ser Val Leu Val Glu Leu Glu Cys Pro Gly Leu Asp Pro Pro
 50              55              60

<210> 6
<211> 64
<212> PRT
<213> Homo sapiens

<400> 6
Gln Thr Val Thr Glu Glu Gly Cys Arg Ser Arg Thr Ile Leu Asn Arg
 1              5              10              15
Phe Cys Tyr Gly Gln Cys Asn Ser Phe Tyr Ile Pro Arg His Val Lys
              20              25              30
Lys Glu Glu Glu Ser Phe Gln Ser Cys Ala Phe Cys Lys Pro Gln Arg
              35              40              45
Val Thr Ser Val Leu Val Glu Leu Glu Cys Pro Gly Leu Asp Pro Pro
 50              55              60

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<210> 7
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 7
agc cgc acc atc ctc aac cgc ttc tgc tac
30

<210> 8
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Primer

<400> 8
Ser Arg Thr Ile Leu Asn Arg Phe Cys Tyr
1           5           10

<210> 9
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 9
ctcgagctcc acgaggacgg aggtgac
27

<210> 10
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Primer

<400> 10
Glu Leu Glu Val Leu Val Ser Thr Val
1           5

<210> 11
<211> 507
<212> DNA
<213> Homo sapiens

<220>
<221> CDS
<222> (1)...(504)
<223> 4

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<400> 11

atg ttc tgg aag ctt tcc ctg tcc ttg ttc ctg gtg gcg gtg ctg gtg	48
Met Phe Trp Lys Leu Ser Leu Ser Leu Phe Leu Val Ala Val Leu Val	
1 5 10 15	
aag gtg gcg gaa gcc cgg aag aac cgg ccg gcg ggc gcc atc ccc tcg	96
Lys Val Ala Glu Ala Arg Lys Asn Arg Pro Ala Gly Ala Ile Pro Ser	
20 25 30	
cct tac aag gac ggc agc agc aac aac tcg gag aga tgg cag cac cag	144
Pro Tyr Lys Asp Gly Ser Ser Asn Asn Ser Glu Arg Trp Gln His Gln	
35 40 45	
atc aag gag gtg ctg gcc tcc agc cag gag gcc ctg gtg gtc acc gag	192
Ile Lys Glu Val Leu Ala Ser Ser Gln Glu Ala Leu Val Val Thr Glu	
50 55 60	
cgc aag tac ctc aag agt gac tgg tgc aag acg cag ccg ctg cgg cag	240
Arg Lys Tyr Leu Lys Ser Asp Trp Cys Lys Thr Gln Pro Leu Arg Gln	
65 70 75 80	
acg gtg agc gag gag ggc tgc cgg agc cgc acc atc ctc aac cgc ttc	288
Thr Val Ser Glu Glu Gly Cys Arg Ser Arg Thr Ile Leu Asn Arg Phe	
85 90 95	
tgc tac ggc cag tgc aac tcc ttc tac atc ccg cgg cac gtg aag aag	336
Cys Tyr Gly Gln Cys Asn Ser Phe Tyr Ile Pro Arg His Val Lys Lys	
100 105 110	
gag gag gag tcc ttc cag tcc tgc gcc ttc tgc aag ccc cag cgc gtc	384
Glu Glu Glu Ser Phe Gln Ser Cys Ala Phe Cys Lys Pro Gln Arg Val	
115 120 125	
acc tcc gtc ctc gtg gag ctc gag tgc ccc ggc ctg gac cca ccc ttc	432
Thr Ser Val Leu Val Glu Leu Glu Cys Pro Gly Leu Asp Pro Pro Phe	
130 135 140	
cga ctc aag aaa atc cag aag gtg aag cag tgc cgg tgc atg tcc gtg	480
Arg Leu Lys Lys Ile Gln Lys Val Lys Gln Cys Arg Cys Met Ser Val	
145 150 155 160	
aac ctg agc gac tcg gac aag cag tga	507
Asn Leu Ser Asp Ser Asp Lys Gln	
165	

<210> 12
 <211> 168
 <212> PRT
 <213> Homo sapiens

<400> 12

Met Phe Trp Lys Leu Ser Leu Ser Leu Phe Leu Val Ala Val Leu Val	
1 5 10 15	
Lys Val Ala Glu Ala Arg Lys Asn Arg Pro Ala Gly Ala Ile Pro Ser	
20 25 30	
Pro Tyr Lys Asp Gly Ser Ser Asn Asn Ser Glu Arg Trp Gln His Gln	
35 40 45	

Ile Lys Glu Val Leu Ala Ser Ser Gln Glu Ala Leu Val Val Thr Glu
50 55 60
Arg Lys Tyr Leu Lys Ser Asp Trp Cys Lys Thr Gln Pro Leu Arg Gln
65 70 75 80
Thr Val Ser Glu Glu Gly Cys Arg Ser Arg Thr Ile Leu Asn Arg Phe
85 90 95
Cys Tyr Gly Gln Cys Asn Ser Phe Tyr Ile Pro Arg His Val Lys Lys
100 105 110
Glu Glu Glu Ser Phe Gln Ser Cys Ala Phe Cys Lys Pro Gln Arg Val
115 120 125
Thr Ser Val Leu Val Glu Leu Glu Cys Pro Gly Leu Asp Pro Pro Phe
130 135 140
Arg Leu Lys Lys Ile Gln Lys Val Lys Gln Cys Arg Cys Met Ser Val
145 150 155 160
Asn Leu Ser Asp Ser Asp Lys Gln
165

<210> 13
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 13
cagatagaat tcgccgccac catggtgtgg aagctttccc tgtccttg 48

<210> 14
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 14
cacgagaccg gtctgcttgt ccgagtcgct 30

<210> 15
<211> 114
<212> DNA
<213> Artificial Sequence

<220>
<223> Triple myc tag

<400> 15
gagcagaagc tgatatccga agaagacctc ggcggagagc agaagctcat aagtgaggaa 60
gacttgggcg gagagcagaa gcttatatcc gaagaagatc tcggaccgtg ataa 114

<210> 16
<211> 52
<212> DNA
<213> Artificial Sequence

<220>

<223> Primer

<400> 16

gagagacatg tctcggaaga accgtccggc tggcgccatc ccctcgcctt ac

52

<210> 17

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 17

gagagcggcc gctcattact gcttgtccga gtcgctcag

39

<210> 18

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Mammalian

<400> 18

Arg Lys Tyr Leu Lys Ser Asp Trp Cys
1 5

<210> 19

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Mammalian

<400> 19

Gln Thr Val Ser Glu Glu Gly Cys
1 5

<210> 20

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Mammalian

<400> 20

Pro Pro Asp Leu Gly Pro Cys
1 5

<210> 21

<211> 8

<212> PRT

<213> Artificial Sequence

<220>
<223> Mammalian

<400> 21
Leu Asn Val Ser Met Cys Arg Cys
1 5